

Colors

Colors on a web page are combinations of red, green, and blue light. Each pixel has red, green and blue light that make up the color.

The rgb function is used to tell the browser what combination of red, green, and blue light to use. Each value may be a number between 0 and 255. 0 means none of that color, 255 means use all of that color.

Example: `rgb(255,0,0)` is full red, no green, no blue.

There is also a hexadecimal notation. It is a 6-digit number preceded by a pound sign (#). 2 digits are used to convert each decimal rgb value to a hexadecimal number.

Example: `rgb(0,250,0)` is `#00FA00`

Example: `rgb(250,180,72)` is `#FAB448`

Example: `rgb(0,10,60)` is `#000A3C`

Example: `#F45A6C` is `rgb(244,90,108)`

Example: `#FA0C80` is `rgb(250, 12, 128)`

Example: `#800080` is `rgb(128,0,128)`

In addition, there are 16 color reserved words:

Reserved word	rgb value	Hexadecimal value
aqua	<code>rgb(0,255,255)</code>	<code>#00FFFF</code>
black	<code>rgb(0,0,0)</code>	<code>#000000</code>
blue	<code>rgb(0,0,255)</code>	<code>#0000FF</code>
fuchsia	<code>rgb(255,0,255)</code>	<code>#FF00FF</code>
gray	<code>rgb(128,128,128)</code>	<code>#808080</code>
green	<code>rgb(0,128,0)</code>	<code>#008000</code>
lime	<code>rgb(0,255,0)</code>	<code>#00FF00</code>
maroon	<code>rgb(128,0,0)</code>	<code>#800000</code>
navy	<code>rgb(0,0,128)</code>	<code>#000080</code>
olive	<code>rgb(128,128,0)</code>	<code>#808000</code>
purple	<code>rgb(128,0,128)</code>	<code>#800080</code>
red	<code>rgb(255,0,0)</code>	<code>#FF0000</code>
silver	<code>rgb(192,192,192)</code>	<code>#C0C0C0</code>
teal	<code>rgb(0,128,128)</code>	<code>#008080</code>
white	<code>rgb(255,255,255)</code>	<code>#FFFFFF</code>
yellow	<code>rgb(255,255,0)</code>	<code>#FFFF00</code>

CSS and Colors

There are 2 basic CSS properties for color: *color* is used to specify the font-color. *background-color* is used for a page color. The following CSS sets the default page color to aqua and the default text color to white:

```
body {  
    background-color: #00FFFF;  
    color: #FFFFFF;  
}
```